

**SHELBY COUNTY BOARD OF COMMISSIONERS  
AGENDA ROUTE SHEET**

Referred to Commission Committee (name) Hospitals & Health

For Commission Action on (date) June 16, 2008

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**A RESOLUTION approving a contract in the amount of \$400,000 with Shelby County Schools for the retrofitting of Shelby County School Buses to help reduce transportation based air pollution emissions in the Shelby County area and this Item requires the expenditure of State grant funds under the Congestion Mitigation Air Quality Grant Fund in the amount of \$320,000, with a required match from the County of \$80,000. Sponsored by Commissioner Joyce Avery.**

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**CHECK ALL THAT APPLY BELOW:**

       This Action does NOT require expenditure of funds.

  X   This Item requires/approves expenditure of funds as follows (complete all that apply):

County General Funds: \$                      : County CIP Funds: \$                     

State Grant Funds: \$   320,000.00   : State Gas Tax Funds: \$                     

Federal Grant Funds: \$                     

Other funds (Specify source and amount): \$80,000 from Title V Air Emission Fund, Fines & Penalties

Other pass-thru funds (Specify source and amount): \$                     

**Originating Department:**   Health Department  

**APPROVAL:**

Dept. Head:   Johnathan Russell  544-7585   \                      \                       
(Type your name & phone #.) (Initials) (Date)

Division Director:   Yvonne S. Madlock  544-7583   \                      \                       
(Type your name & phone #.) (Initials) (Date)

Finance Dept.:   Michael A. Swift  545-4449   \                      \                       
(Type your name & phone #.) (Initials) (Date)

County Attorney:   Fred E. Jones, Jr.  545-4611   \                      \                       
(Type your name & phone #.) (Initials) (Date)

CAO/Mayor:   James Huntzicker  544-4269   \                      \                       
(Type your name & phone #.) (Initials) (Date)

ITEM NO: \_\_\_\_\_

PREPARED BY: Johnathan Russell

APPROVED BY: \_\_\_\_\_

**A RESOLUTION approving a contract in the amount of \$400,000 with Shelby County Schools for the retrofitting of Shelby County School Buses to help reduce transportation based air pollution emissions in the Shelby County area and this Item requires the expenditure of State grant funds under the Congestion Mitigation Air Quality Grant Fund in the amount of \$320,000, with a required match from the County of \$80,000. Sponsored by Commissioner Joyce Avery.**

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**WHEREAS**, That Shelby County Government on behalf of the Memphis and Shelby County Health Department (“County”) has been awarded a grant by the Tennessee Department of Transportation (TDOT) for the purpose of retrofitting Shelby County School Buses with Diesel Oxidation Catalysts (DOC) and Closed Crankcase Ventilation systems (CCV) in order to help reduce air pollution emissions in the Shelby County area; and

**WHEREAS**, That TDOT has made available \$320,000.00 for these activities; and

**WHEREAS**, That there is a matching requirement to the County in order to receive this grant of 20% Or \$80,000.00 to be paid from the Title V Air Emissions Fines and Penalties fund; and

**WHEREAS**, The Shelby County Board of Commissioners approved the budget for this grant for the purposes of retrofitting Shelby County School buses at the October 22, 2007 commission meeting (item #15); and

**WHEREAS**, That the County desires to contract with Shelby County Schools for the provision of retrofitting the Shelby County School Buses.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF SHELBY COUNTY, TENNESSEE**, That the contract between the County and Shelby County Schools for the purpose of retrofitting Shelby County School buses for the period July 1, 2007 – June 30, 2008 in the amount of \$400,000.00 be approved.

**BE IT FURTHER RESOLVED**, That funds in the amount of \$400,000.00 are hereby appropriated from the FY 2007-2008 Operating Budget Account Number 393-400437-6637.

**BE IT FURTHER RESOLVED**, That this resolution shall be of no force or effect if said contract is not entered into by Shelby County Schools and the County by June 30, 2008.

**BE IT FURTHER RESOLVED**, That the County Mayor is hereby authorized to execute the aforementioned agreement on behalf of the Shelby County Government, an executed copy of which is to be placed on file in the Purchasing Department.

**BE IT FURTHER RESOLVED**, That the County Mayor and the Director of Administration and Finance are authorized to issue their warrant or warrants in amounts not to exceed \$400,000.00 for the purposes contained in this resolution, and to take proper credit in their accounting therefore.

\_\_\_\_\_  
A C Wharton, Jr., County Mayor

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_

ADOPTED: \_\_\_\_\_

Clerk of County Commission

## SUMMARY SHEET

### **I. Description of Item**

Requesting approval of a contract with Shelby County Schools for the purpose of retrofitting Shelby County School Buses with Diesel Oxidation Catalysts (DOC) and Closed Crankcase Ventilation systems (CCV) in order to help reduce air pollution emissions in the Shelby County area in the amount of \$400,000.00. The approval of the grant's budget was given by the Shelby County Board of Commissioners (item #15) at their October 22, 2007 meeting.

### **II. Source and Amount of Funding**

- A. Tennessee Department of Transportation  
County School Bus Retrofit  
Budget No. 393-400437 \$400,000.00

### **III. Contract Items**

- A. This is a contract with Shelby County Schools that is funded by a grant from the Tennessee Department of Transportation to the Health Department to provide funding to the Shelby County School System to retrofit their school bus fleet with improved air emission equipment that will help reduce transportation based air pollution emissions.
- B. Grant is in the amount of \$320,000.00.
- C. County provides \$80,000.00 match from its Title V Air Emissions Grant.

### **IV. Additional Information Relevant to Approval of this Item**

- 294 School Buses will be retrofitted with DOCs and CCVs.
- Indoor Air Quality will be improved for the school children, as diesel exhaust emission will be prevented from returning on-board the school buses.
- On road diesel emissions are a major source of pollution in metropolitan areas such as Shelby County, TN. Shelby County is in nonattainment for ozone pollution, which is heavily influenced by transportation activities. The school bus diesel retrofit project is needed to help reduce these transportation based air pollution emissions in the Shelby County area.
- Shelby County Schools will retrofit 294 school buses with Diesel Oxidation Catalysts (DOCs) and Closed Crankcase Ventilation (CCV) Systems. The DOCs and CCVs will be used to reduce particulate matter (PM), carbon monoxide (CO), and hydrocarbons (HC). Per bus, on average, the technology will reduce PM by 10-50% and HC and CO by over 70%. In addition, the indoor air quality that children breathe on board the school buses is an important health related issue that we are addressing with this project. The CCVs will prevent diesel exhaust emissions from returning on board the school buses, thereby ensuring clean and healthy air on board the buses.
- Administration recommends approval of this resolution.